



Australian Government

Assessment Requirements for ICPPRN3220 Produce complex gravure printed product

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 4.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- monitor production output and make necessary adjustments to maintain print quality on a gravure machine while producing a complex print on two occasions for two different jobs.

In the course of the above the candidate must:

- operate production process in association with fellow workers and according to enterprise procedures and planned daily schedule
- follow work health and safety (WHS) requirements, manufacturer specifications and enterprise procedures
- anticipate production difficulties and take preventive action to prevent occurrence.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- enterprise and manufacturer procedures and WHS requirements for:
 - rewinding and sheeting
 - handling ink
 - handling and cleaning blades
 - cleaning feed, transportation, delivery and in-line sections of the machine and waste disposal
 - machine shutdown
- enterprise escalation procedures and required personnel
- required checks of in-line machine components and their function
- common issues arising with ink in the machine and correction methods
- causes and correction methods of faults and errors such as:
 - the reel wandering and the web breaking at the unwind unit

- sheet cut-off wander
- substrate distortion
- effects of:
 - poorly adjusted nip rollers when rewinding and sheeting
 - incorrect drying temperatures on the finished product or in chillers
 - excessive pressure applied on the slitters on the job
 - inadequate work team communication on a gravure printing machine
 - relative humidity increases in the press room on the substrate
- purpose and function of removing solvents from final ink film
- storage procedures for printed jobs and printing cylinders
- procedures for handling substrates and labelling printed product prior to press room removal
- difference between a “flying paster” and “zero speed” type reel-stand
- excess ink and additive labelling and storage procedures
- waste sorting and disposal procedures, and benefits of reusable waste
- link between driers and set-off and marking
- methods of controlling ratio of print to in-line speed
- outcome if machine guards are removed and micro switches are disconnected on a machine, and the personnel responsible for this action
- steps for addressing production problems and eliminating processing of unacceptable product
- industry standards of client communication and client approval procedure for printed product
- procedures for reporting gravure machine problems and calling service personnel
- further operations required for printed reels after removal from the printing machine
- use of completed records in the final analysis of the job and their benefits
- product quality requirements and machine adjustment procedures to achieve them
- manufacturer manuals, enterprise procedures and work health and safety documentation, including their location and purpose.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the printing field of work and include access to:

- special purpose tools, equipment and materials
- gravure printing machines and in-line units.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>